



# TOUCHLINK

ELECTRONIC CONTROL SYSTEM



Best Products. Best Performance. Best Protection.

## The Power of Control at your Fingertips

TOUCHLINK™ is an easy-to-use touch screen LCD which will operate and display all system functions. On / off functions for fluorescent and germicidal ultraviolet lights, blower motor, and interior outlets. Monitors high / low limits for downflow, inflow, and sliding window position. The password protected TOUCHLINK™ also contains a unique date/clock display and timer functions that can be used as a laboratory timer, purge timer, outlet timer, UV light timer, auto-run timer, night setback, or weekend turn-off. TOUCHLINK™ also contains diagnostic functions for a NSF trained service technician or certifier.



TouchLink is available on the following Biological Safety Cabinet Models:

LabGard® ES NU-440 (Class II Type A2)

LabGard® ES NU-427 (Class II Type B1)

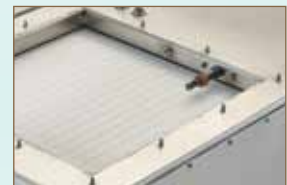
CellGard™ ES NU-480 (Class II Type A2)

LabGard® ES NU-430 / 435 (Class II Type B2)

### Features



intelliflow™ airflow sensor technology incorporates the same thermal anemometer technology used by service technicians (certifiers) to annually verify your biological safety cabinet's airflow performance. The system works by being calibrated by the certifier, then the TOUCHLINK™ Electronic Control System (ECS) will maintain and control the cabinet's airflow through the use of thermal anemometer airflow sensors manufactured by measurement solution company TSI, Inc™. The intelliflow™ airflow sensors are strategically placed under the supply filter and over the exhaust filter to measure airflow real time. Airflow data is digitally communicated to the TOUCHLINK™ ECS where fan/motor speed is adjusted to provide you with true constant laminar airflow. Measured and controlled airflow provides peace of mind that your Biological Safety Cabinet is operating at optimal safety containment performance levels.

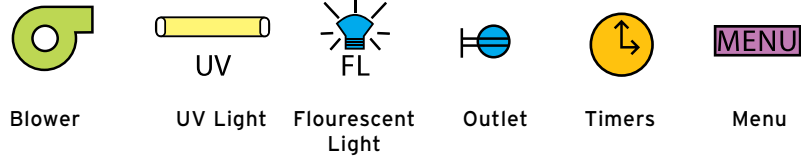


The nitecare™ night setback program is featured in the TOUCHLINK™ ECS. nitecare™ will cut energy costs while maintaining work zone sterility when the cabinet is not in use. nitecare™ can be programmed on screen through the TOUCHLINK™ ECS in a few easy steps. Once programmed, nitecare™ will be initiated by closing the window. Once the sash has been closed, the automated nitecare™ system turns off lights and decreases the fan/motor speed. The additional feature "UV Light Timer" allows the Ultra Violet (UV) light to be activated for a period of time helping maintain work zone sterility. nitecare™ provides the performance, reliability, and cost saving technologies for your laboratory.

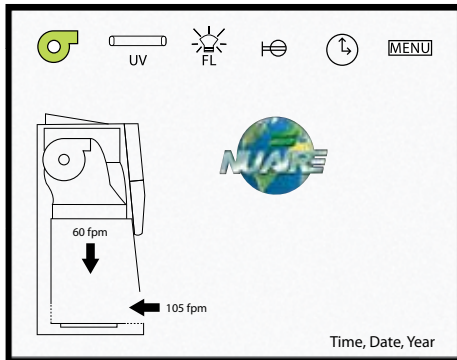


# Key Features to Increase Your Productivity

## User Interface Icons



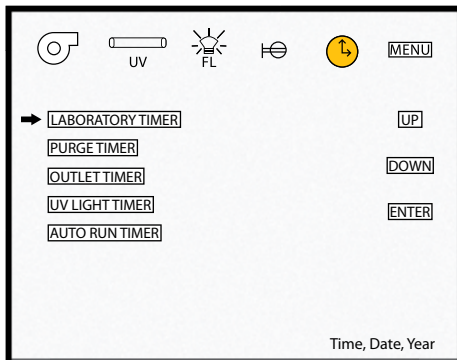
## Run Mode



Turning on your Biological Safety Cabinet is as simple as pushing the blower icon. The Run Mode screen will display a BSC profile and go through a warm-up period of 150 seconds. After a sterile environment has been created, airflow averages will be displayed on the TOUCHLINK™ screen through the use of intelliflow™. From the run mode screen all interface icons are accessible. (Note: UV Light icon has window interlock safety feature.)

**Alarms** - Visual and audible alarms will occur if considerable changes occur to the sterile environment. (ex. Low / High Airflow, Low / High Sash)

## Timers



**Laboratory Timer** - An audible alarm will sound when time expires

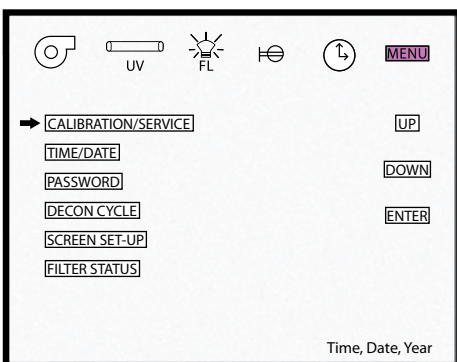
**Purge Timer** - This timer controls how long the blower will run to purge the cabinet after the blower button has been pressed to stop the blower

**Outlet Timer** - This timer controls how long the Outlet remains powered after it's turned On. The outlet will automatically shut off when this timer expires.

**UV Light Timer** - This timer controls how long the UV Light remains lit after it's turned On. The UV Light will automatically shut off when this timer expires.

**Auto Run Timer** - This timer provided the ability to program on a daily basis the start and stop time of the cabinet's operations.

## Menu



**Calibration / Service** - Allows a qualified Technician to configure several different optional parameters for optimal performance. (Access nitecare™)

**Time / Date** - Set current time and date

**Password** - Protection through a password to lock out unauthorized personnel.

**Decon Cycle** - Displays step-by-step on screen instructions during the decontamination process. (Purchase Decon-101 automated accessory system to inter-link with TouchLink for a streamlined Decon process.)

**Screen Set-Up** - Control screen contrast, touch display tone, and screen saver wait time.

**Filter Status** - Displays current status of filter life.



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